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Branch : CSE – A

Sem : 7

Subject : Cyber Security

Lab – 5

Aim : Install and Configure DVWA on Windows.

Screenshots :

The first screenshot shows the XAMPP Control Panel v3.3.0. The 'Modules' section lists services: Apache (PID 17768, 15892; Port 80, 443), MySQL (PID 15480; Port 3310), FileZilla, Mercury, and Tomcat. The 'Actions' column shows buttons for Stop, Admin, Config, and Logs. The MySQL 'Stop' button is highlighted. The log window shows a status change to 'running' and a problem detected: 'Port 3306 in use by "Unable to open process"! MySQL WILL NOT start without the configured ports free! You need to uninstall/disable/reconfigure the blocking application or reconfigure MySQL and the Control Panel to listen on a different port'.

The second screenshot shows the GitHub repository for 'digininja / DVWA'. The repository is public and has 3.4k forks and 10k stars. The 'About' section describes it as a 'Damn Vulnerable Web Application (DVWA)' and lists tags: training, php, security, hacking, sql-injection, infosec, and dvwa. The 'Releases' section shows 8 releases.

The image displays three sequential screenshots of the phpMyAdmin web interface, showing the configuration and management of a MySQL database.

Top Screenshot: General settings

- General settings:** Server connection collation is set to `utf8mb4_unicode_ci`.
- Appearance settings:** Language is set to `English` and the theme is `pmahomme`.
- Database server:**
 - Server: 127.0.0.1 via TCP/IP
 - Server type: MariaDB
 - Server connection: SSL is not being used
 - Server version: 10.4.28-MariaDB - mariadb.org binary distribution
 - Protocol version: 10
 - User: root@localhost
 - Server charset: UTF-8 Unicode (utf8mb4)
- Web server:**
 - Apache/2.4.56 (Win64) OpenSSL/1.1.1f PHP/8.2.4
 - Database client version: libmysql - mysqlnd 8.2.4
 - PHP extension: mysqli, curl, mbstring
 - PHP version: 8.2.4
- phpMyAdmin:**
 - Version information: 5.2.1 (up to date)
 - Documentation
 - Official Homepage
 - Contribute
 - Get support

Middle Screenshot: Databases

- Create database:** A new database named `dvwa` is being created with the collation `utf8mb4_general_ci`.
- Check all** and **Drop** options are available.

Bottom Screenshot: User accounts overview

User name	Host name	Password	Global privileges	Grant	Action
<input type="checkbox"/> Any	%	No	USAGE	No	Edit privileges Export Lock
<input type="checkbox"/> pma	localhost	No	USAGE	No	Edit privileges Export Lock
<input type="checkbox"/> root	127.0.0.1	No	ALL PRIVILEGES	Yes	Edit privileges Export Lock
<input type="checkbox"/> root	.1	No	ALL PRIVILEGES	Yes	Edit privileges Export Lock
<input type="checkbox"/> root	localhost	No	ALL PRIVILEGES	Yes	Edit privileges Export Lock

Add user account

Login Information

- User name: `dvwa-user`
- Host name: `localhost`
- Password: `*****` (Strength: Strong)
- Re-type: `*****`
- Authentication plugin: `Native MySQL authentication`
- Generate password: `Generate`

Database for user account

- ☐ Create database with same name and grant all privileges.
- ☐ Grant all privileges on wildcard name (username%_%)

Global privileges ☒ **Check all**

File Edit View

```

<?php

# If you are having problems connecting to the MySQL database and all of the variables below are correct
# try changing the 'db_server' variable from localhost to 127.0.0.1. Fixes a problem due to sockets.
# Thanks to @digininja for the fix.

# Database management system to use
$dbms = 'MySQL';
# $dbms = 'PGSQL'; // Currently disabled

# Database variables
# WARNING: The database specified under db_database WILL BE ENTIRELY DELETED during setup.
# Please use a database dedicated to DVWA.
#
# If you are using MariaDB then you cannot use root, you must use create a dedicated DVWA user.
# See README.md for more information on this.
$DVWA = array();
$DVWA[ 'db_server' ] = getenv('DB_SERVER') ? '127.0.0.1';
$DVWA[ 'db_database' ] = 'dvwa';
$DVWA[ 'db_user' ] = 'dvwa-user';
$DVWA[ 'db_password' ] = 'XXXXXXXXXX';
$DVWA[ 'db_port' ] = '3310';

# ReCAPTCHA settings
# Used for the 'Insecure CAPTCHA' module
# You'll need to generate your own keys at: https://www.google.com/recaptcha/admin
$DVWA[ 'recaptcha_public_key' ] = '';
$DVWA[ 'recaptcha_private_key' ] = '';

# Default security level
# Default value for the security level with each session.
# The default is 'impossible'. You may wish to set this to either 'low', 'medium', 'high' or 'impossible'.
$DVWA[ 'default_security_level' ] = 'impossible';

# Default locale
# Default locale for the help page shown with each session.
# The default is 'en'. You may wish to set this to either 'en' or 'zh'.
$DVWA[ 'default_locale' ] = 'en';

```

config

← → ↑ ↺

This PC

Windows-SSD (C:)

xampp

htdocs

DVWA

config

New

✂

📄

📁

🔍

🗑

↕ Sort

📄 View

⋮

	Name	Date modified	Type	Size
📄	config.inc	09-09-2024 19:27	PHP Source File	3 KB
📄	config.inc.php.dist	09-09-2024 19:27	DIST File	3 KB

Home

Gallery

Desktop

Downloads

Documents

Pictures

Music

Videos

localhost/DVWA/setup.php

Classes

Bookmarks

UploadHaven - File...

Online Tution Teac...

Gmail

YouTube

Maps

Advanced Learning...

Database Managem...

Courte Modules: A...

simple-Linear-Regre...

Real Time Pose Det...

Setup DVWA

Instructions

About

Database Setup

Click on the 'Create / Reset Database' button below to create or reset your database.
If you get an error make sure you have the correct user credentials in:
C:\xampp\htdocs\DVWA\config\config.inc.php

If the database already exists, **it will be cleared and the data will be reset**.
You can also use this to reset the administrator credentials ("admin" / "password") at any stage.

Setup Check

Web Server SERVER_NAME: localhost

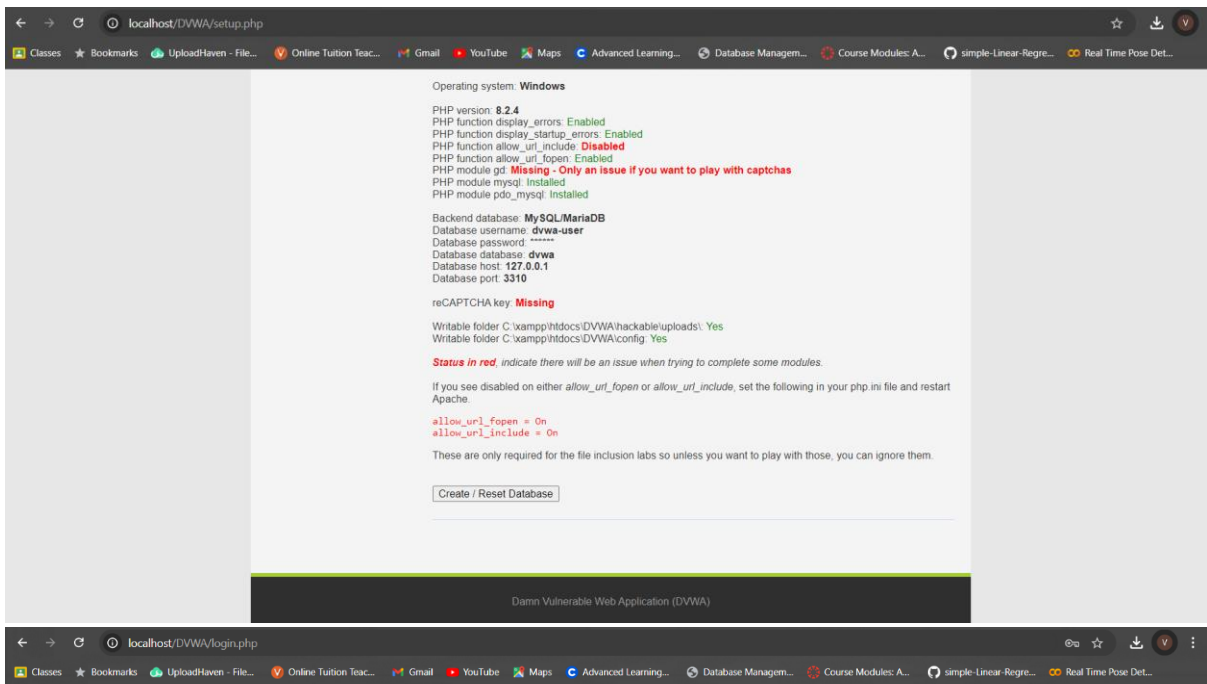
Operating system: Windows

PHP version: 8.2.4
 PHP function display_errors: Enabled
 PHP function display_startup_errors: Enabled
 PHP function allow_url_include: Disabled
 PHP function allow_url_fopen: Enabled
 PHP module gd: Missing - Only an issue if you want to play with captchas
 PHP module mysql: Installed
 PHP module pdo_mysql: Installed

Backend database: MySQL/MariaDB
 Database username: dvwa-user
 Database password: *****
 Database database: dvwa
 Database host: 127.0.0.1
 Database port: 3310

reCAPTCHA key: Missing

Writable folder C:\xampp\htdocs\DVWA\hackable/uploads: Yes
 Writable folder C:\xampp\htdocs\DVWA\config: Yes



Username
admin

Password

Login

